

EAST Search History

S13	1448	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same (((voltage adj converter) or inverter or (level adj shift\$2)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 17:55
S14	580	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same (((voltage adj converter) or inverter or (level adj shift\$2))) with (clamp\$3 or diode or transistor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 19:20
S15	1448	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same ((voltage adj converter) or inverter or (level adj shift\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 19:21
S16	49	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same ((voltage adj converter) or inverter or (level adj shift\$2)) and mixed adj voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 19:52
S17	53	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same voltage adj converter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 19:57
S18	86	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same level adj shifter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/25 19:58
S19	39	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same (inverter or (level adj shift\$2) or voltage adj inverter) near3 diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 16:21
S20	2320	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) and (inverter or (level adj shift\$2) or voltage adj inverter) with (transistor or diode or bjt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 16:22
S21	592	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) and (inverter or (level adj shift\$2) or voltage adj inverter) with (diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 16:23
S22	244	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) and (inverter or (level adj shift\$2) or voltage adj inverter) near4 (diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 16:24
S23	23	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) and (inverter or (level adj shift\$2) or voltage adj inverter) near4 (diode) with (ground or gnd or vss)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 16:32
S24	362	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) and (inverter or (level adj shift\$2) or voltage adj inverter) same (diode) with (ground or gnd or vss)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 16:33

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S25	129	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same (inverter or (level adj shift\$2) or voltage adj inverter) same (diode) with (ground or gnd or vss)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 16:48
S26	124	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same (level adj shift\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 16:49
S27	17	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same (level adj shift\$2) with diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 16:52
S28	31	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same (level adj shift\$2) same diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 16:56
S29	14	S28 not S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 16:52
S30	8	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same voltage adj converter same diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 16:56
S31	31	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same inverter near3 diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 17:09
S32	1480	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same (inverter\$1 or (level adj shift\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 19:01
S33	562	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same ((inverter\$1 or (level adj shift\$3)) with (diode or bjt or transistor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 17:35
S34	366	"361"/\$.ccls. and (esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) and ((inverter\$1 or (level adj shift\$3)) with (diode or bjt or transistor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 18:36
S35	83	"361"/56,111.ccls. and level adj shift\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 18:49
S36	2	("20030116806").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/29 18:47

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S37	2	("4937700").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/29 18:48
S38	4	("5784235").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/29 18:48
S39	2238	"257"/\$.ccls. and level adj shift\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 18:50
S40	252	"257"/\$.ccls. and level adj shift\$3 same (diode or bjt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 18:50
S41	168	"257"/\$.ccls. and level adj shift\$3 with (diode or bjt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 18:50
S42	5	("20030116806" "5021853" "5508548" "5654571" "6624479").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/29 18:53
S43	0	("6803632").URPN.	USPAT	OR	ON	2007/01/29 18:56
S44	0	("6803632").URPN.	USPAT	OR	ON	2007/01/29 18:56
S45	7904	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same (diode or bjt or (bipolar adj4 tranistor) or (MOS adj2 tranistor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 19:02
S46	921	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same (diode or bjt or (bipolar adj4 tranistor) or (MOS adj2 tranistor)) same (advantage\$1 or benefit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 19:03
S47	126	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same (diode or bjt or (bipolar adj4 tranistor) or (MOS adj2 tranistor)) near3 (advantage\$1 or benefit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 19:05
S48	0	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same (diode and (bjt or (bipolar adj4 tranistor)) and (MOS adj2 tranistor)) near3 (advantage\$1 or benefit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 19:06
S49	0	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same (diode and transistor\$1) near3 (advantage\$1 or benefit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 19:06
S50	5	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same (diode and transistor) near3 (advantage\$1 or benefit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 19:07

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S51	52	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) and (diode and transistor and bjt or mos adj2 transistor) near4 (advantage\$1 or benefit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 19:09
S52	2	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) and clamp\$3 with (diode and transistor and bjt or mos adj2 transistor) near4 (advantage\$1 or benefit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 19:10
S53	87	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same clamp\$3 same (diode or transistor or bjt or (mos adj2 transistor)) with (advantage\$1 or benefit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 19:21
S54	157	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) and clamp\$3 same (diode or transistor or bjt or (mos adj2 transistor)) with (advantage\$1 or benefit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 19:38
S55	1	"711571".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/29 19:39
S56	36220	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same (level adj shift\$2) or (voltage adj converter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 10:55
S57	175	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same ((level adj shift\$2) or (voltage adj converter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 11:33
S58	20	("20020175737" "20020180508" "20030011418" "20030042965" "20030107425" "4858055" "5486785" "6064227" "6333682" "6373315" "6411554" "6433582" "6556061" "6614283" "6639427" "6642769" "6650168" "6677798" "6774673" "6774698").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/30 11:31
S59	2	("5021853").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/30 11:31
S60	56	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) and ((level adj shift\$2) or (voltage adj converter)) same clamp\$3.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:04
S61	1302	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same clamp\$3 same diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:03
S62	729	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) same clamp\$3 near3 diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:03

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S63	32	(esd or eos or (static adj electricity) or (electrostatic adj discharge) or (electro adj1 static) or (electrical adj over adj stress)) and ((level adj shift\$2) or (voltage adj converter)) same clamp\$3 same diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:05
S64	33392	level adj shift\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:05
S65	298	S64 same (diode or tranistor or bjt) near4 clamp\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:06
S66	13	S65 and esd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:09
S67	87	diode near4 voltage adj inverter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:11
S68	2	S67 and esd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:11
S69	6786	diode near4 inverter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:11
S70	81	S69 and esd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:16
S71	4208	"327"/\$.ccls. and level adj shift\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:17
S72	25	"327"/\$.ccls. and level adj shift\$3 same esd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:20
S73	101	"327"/\$.ccls. and level adj shift\$3 and esd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:21
S74	76	S73 not S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 12:25